

## **ABSTRACT**

### **METHOD FOR YIELD IMPROVEMENT OF MANUFACTURED PRODUCTS**

A method of yield improvement for manufactured products includes providing an identification plan for parts and processing equipment, whereby each part and each piece  
5 of equipment is given unique and traceable identification data. A database is provided into which the parts identification data and the processing equipment identification data are stored, and related. The parts are processed in at least one processing stage by the processing equipment to yield processed parts, and the processed parts are tested for defects. Problems are then identified through the testing of the processed parts. The  
10 related parts identification data and the processing equipment identification data are retrieved from the database, and the data is analyzed to trace the parts to the appropriate processing equipment. Corrections and repairs are made to the processing equipment to correct the problems. Improvement to yield of the manufactured products is then confirmed.